

FIG. 2

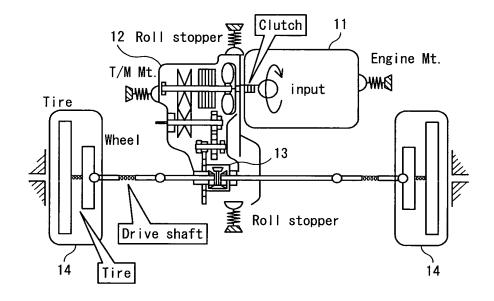
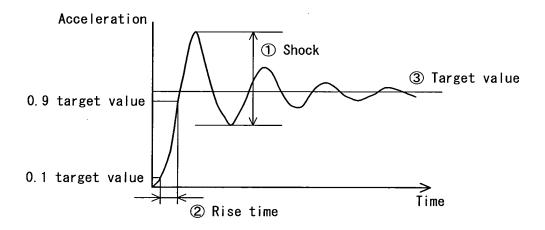
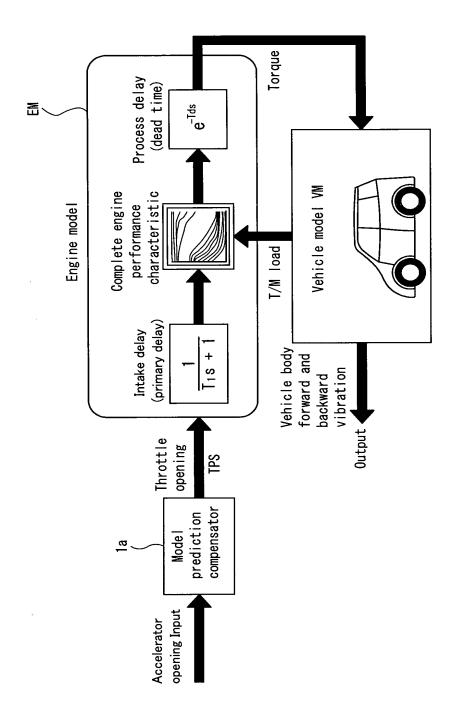


FIG. 3

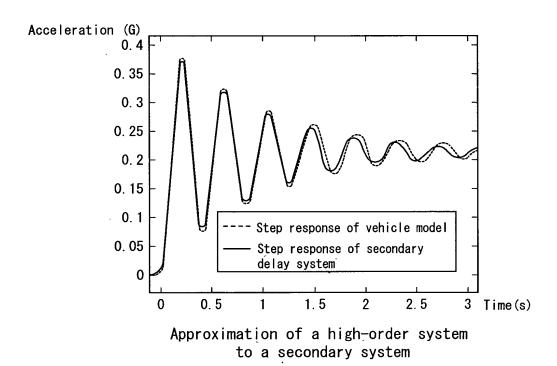


Determination of a target acceleration



Outline of a simulation model

FIG. 5





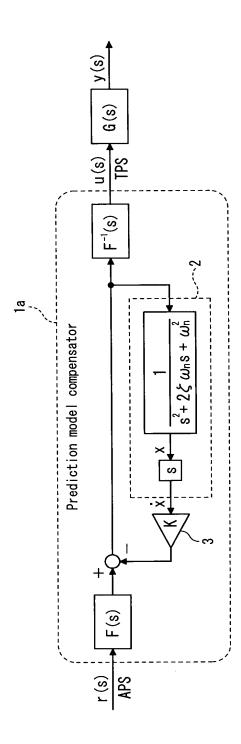


FIG. 7

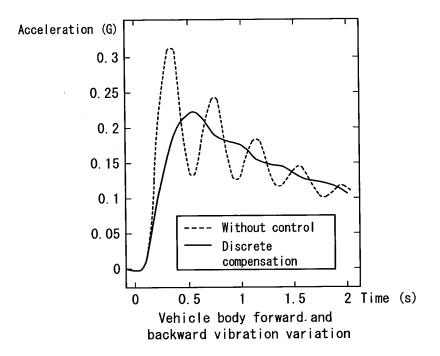


FIG. 8

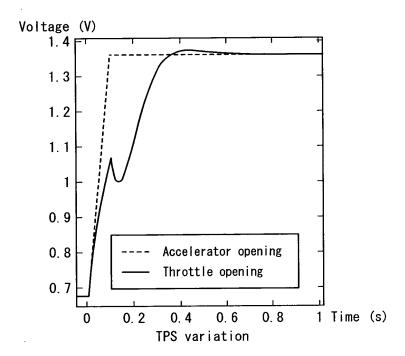


FIG. 9

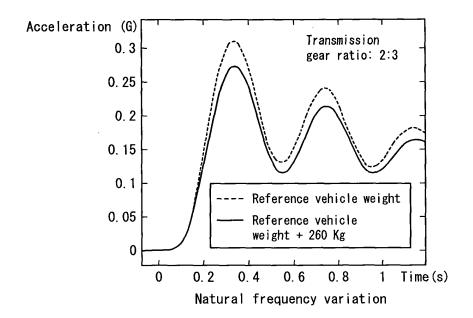


FIG. 10

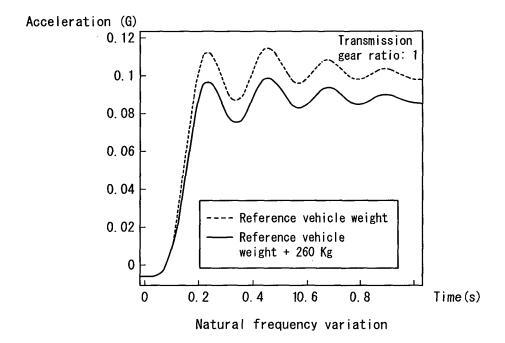


FIG. 11

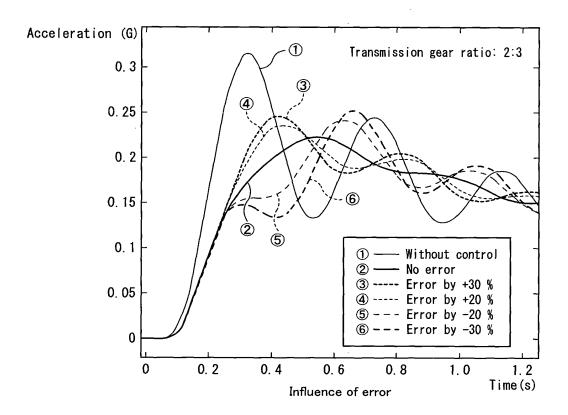


FIG. 12

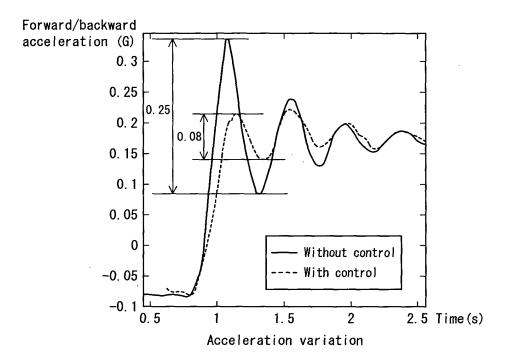


FIG. 13

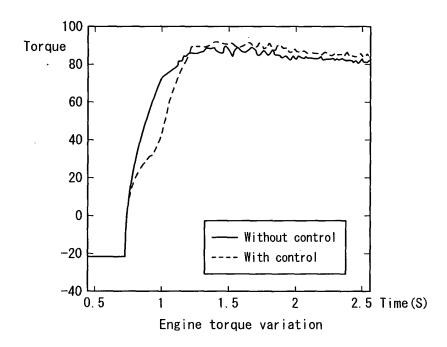


FIG. 14

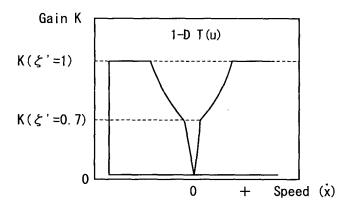
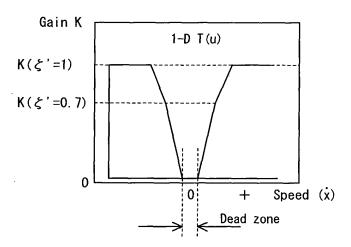


FIG. 15





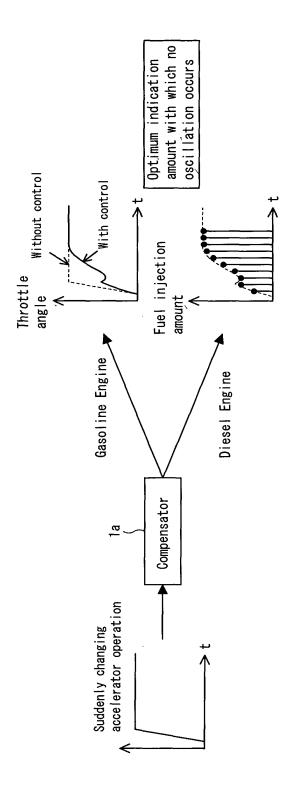
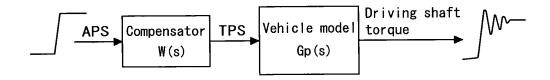


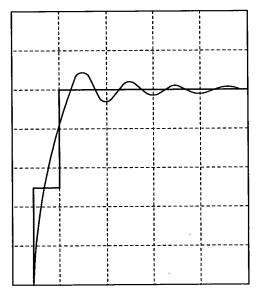
FIG. 17



Gp(s) =
$$\frac{K\omega_p^2}{(s^2 + 2\xi_p \omega_p s + \omega_p^2)}$$

$$W(s) = \frac{\omega_{m}^{2}(s^{2} + 2\xi_{p}\omega_{p}s + \omega_{p}^{2})}{\omega_{p}^{2}(s^{2} + 2\xi_{m}\omega_{m}s + \omega_{m}^{2})}$$

FIG. 18



Vibration suppression by a two-stage step instruction